

# APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office OCT 2 1980Returned to applicant for correction MAR 17 1981

Corrected application filed.....

Map filed.....

The applicant Hydrothermal Energy Corporation210 Marsh Ave., #105, of Reno,  
Street and No. or P.O. Box No. City or TownNevada 89509, hereby make S application for permission to appropriate the public  
State and Zip Code No.waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Hydrothermal EnergyCorporation was Incorporated in the State of Delaware in May, 1978.1. The source of the proposed appropriation is Underground  
Name of stream, lake or other source.2. The amount of water applied for is 5.0 second-feet  
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet.....acre-feet

3. The water to be used for Geothermal  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated).....

(b) Stockwater (state number and kinds of animals to be watered).....

(c) Other use (describe fully under "No. 12. Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point: S.E. ¼, Section 7 of T.19 N.R.20 E. M.D.B. and M. (to be amended upon completion of water  
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,rights survey)  
it should be stated.6. Place of use A portion of the South ½ of Section 7 T.19 N., R.20 E.  
Describe by legal subdivision, if on unsurveyed land it should be so stated.M.D.B. and M.7. Use will begin about January 1 and end about December 31, of each year.  
Month and Day Month and Day8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Water to be diverted from well with pump and transported to heat exchanger and returned to the ground via pipes.  
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

9. Estimated cost of works.....\$500,000.00.....

10. Estimated time required to construct works.....2 Years.....

11. Estimated time required to complete the application to beneficial use.....5 Years.....

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Consumptive use will be zero (0) acre-feet, water is to be returned to same zone it was extracted from.

**Applicant**.....

By s/Robert L. Ray  
210 Marsh Ave., #105  
Reno, Nev 89509

Compared\_\_\_\_\_sb/ js

# OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed \_\_\_\_\_ cubic feet per second.

Actual construction work shall begin on or before.....

**Proof of commencement of work shall be filed before**\_\_\_\_\_

**Work must be prosecuted with reasonable diligence and be completed on or before.....**

Proof of completion of work shall be filed before.....

Application of water to beneficial use shall be made on or before.....

Proof of the application of water to beneficial use shall be filed on or before\_\_\_\_\_

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....  
Completion of work filed.....  
Proof of beneficial use filed.....  
Cultural map filed.....  
Certificate No..... Issued.....

IN TESTIMONY WHEREOF, I.....  
State Engineer of Nevada, have hereunto set my hand and the seal of  
my office, this.....day of.....

A.D. 19.....  
**CANCELLED JUN 3 1981** BECAUSE OF FAILURE TO REFILE

CORRECTED APPLICATION WITHIN STATE ENGINEER TIME.  
*William J. Green* is STATE ENGINEER